

WHAT IS CLAIMED IS:

1. A recording apparatus comprising:

5 *Sub A4*  
a medium fixing member for fixing a recording medium to its surface;  
a recording means for producing a record on said recording medium; and  
an air supply means for supplying air into the apparatus to build up  
positive pressure in its interior;

10 wherein at least one member of the group consisting of a dehumidifying  
means, a humidifying means, a heating means and a cooling means is  
contained within said recording apparatus so that either temperature or  
humidity or both are held constant in said recording apparatus.

2. A recording apparatus comprising:

15 a medium fixing member for fixing a recording medium to its surface;  
a recording means for producing a record on said recording medium; and  
an air supply means for supplying air into the apparatus to build up  
positive pressure in its interior;

20 wherein at least one member of the group consisting of a dehumidifying  
means, a humidifying means, a heating means and a cooling means is located  
at upstream of the air supply port of said air supply means so that either  
temperature or humidity or both are held constant in said recording apparatus.

25 3. The recording apparatus according to claim 1, wherein said  
humidifying means is located in the feed path of said recording medium.

4. The recording apparatus according to claim 3 which further includes  
a humidifying chamber and a humidifying air supply means for supplying air  
to said humidifying chamber, said humidifying means performing its function

by a water-retaining material that is imbibed with water and which is located within said humidifying chamber or between said humidifying air supply means and said humidifying chamber.

*Claim Sub 14*  
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5. The recording apparatus according to claim 3, wherein said humidifying means performs its function by a water-retaining roller that is brought into contact with or proximity to the feed path of the recording medium.

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